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INDEX TO AMERICAN BOTANICAL LITERATURE

1912–1915

The aim of this Index is to include all current botanical literature written by Americans, published in America, or based upon American material; the word America being used in the broadest sense.

Reviews, and papers that relate exclusively to forestry, agriculture, horticulture, manufactured products of vegetable origin, or laboratory methods are not included, and no attempt is made to index the literature of bacteriology. An occasional exception is made in favor of some paper appearing in an American periodical which is devoted wholly to botany. Reprints are not mentioned unless they differ from the original in some important particular. If users of the Index will call the attention of the editor to errors or omissions, their kindness will be appreciated.

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Andrews, A. L. Bryological notes.—I. *Aschisma kansanum*, new species, with remarks upon the genus. Torreya **15**: 63–67. 12 Je 1915.

Appel, O. Leaf roll diseases of the potato. Phytopathology **5**: 139–148. 4 Je 1915.

Bailey, I. W., & Sinnott, E. W. A botanical index of cretaceous and tertiary climates. Science II. **41**: 831–834. 4 Je 1915.

Berry, E. W. The origin and distribution of the family Myrtaceae. Bot. Gaz. **59**: 484–490. 17 Je 1915.

Bicknell, E. P. The ferns and flowering plants of Nantucket—XIV. Bull. Torrey Club **42**: 42–47. 29 Ja 1915;—XV. Bull. Torrey Club **42**: 331–349. 16 Je 1915.

Includes *Solanum peregrinum* and *Agalinis acuta* Pennell, spp. nov.

Blakeslee, A. F., & Gortner, R. A. Reaction of rabbits to intravenous injections of mould spores. Biochem. Bull. **4**: 45–51. *pl. 2.* Mr 1915.

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Campbell, D. H. The morphology and systematic position of *Podomitrium*. Am. Jour. Bot. **2**: 199–210. *f. 1–7.* My 1915.

Cannon, W. A. On the relation of root growth and development to the temperature and aeration of the soil. Am. Jour. Bot. **2**: 211–224. *f. 1–5.* My 1915.

Carter, C. N. A powdery mildew on *Citrus*. Phytopathology **5**: 193–196. *pl. 12* + *f. 1.* Je 1915.

Includes description of *Oidium tingitaninum* sp. nov.

Chamberlain, E. B. John B. Leiberg. Bryologist **18**: 47, 48. 15 Je 1915.

Clark, G. H. Weeds and weed seeds. Canada Dept. Agr. Seed Branch Bull. S-8: 1–67. D 1914. [Illust.]

Cockerell, T. D. A. The helianthoid genus *Tonalanthus*. Torreya **15**: 70, 71. *f. 1.* 12 Je 1915.

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Crabill, C. H., & Reed, H. S. Convenient methods for demonstrating the biochemical activity of microorganisms with special reference to the production and activity of enzymes. Biochem. Bull. **4**: 30–44. *pl. 1.* Mr 1915.

Eriksson, J. International phytopathologic collaboration work begun in Europe—will be prosecuted in America? Phytopathology **5**: 133–138. 4 Je 1915.

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Forsaith, C. C. Some features in the anatomy of the Malvales. Am. Jour. Bot. **2**: 238–249. *pl. 9–10.* My 1915.

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Gladwin, F. E. Observations relative to an obscure grape affection. Phytopathology **5**: 169–174. *f. 1.* 4 Je 1915.

Griggs, R. F. Some new species and varieties of *Bihai.* Bull. Torrey Club **42**: 315–330. *pl. 19* + *f. 1–6.* 16 Je 1915.

Six new species are described.

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Hall, H. M. Flora of the Pacific coast. Nature and Science on the Pacific Coast. 147–158. *pl. 20, 21.* San Francisco. 1915.

Harter, L. L., & Field (Tillotson), E. C. Experiments on the susceptibility of sweet potato varieties to stem rot. Phytopathology **5**: 163–168. 4 Je 1915.

Hauman-Merck, L. Les parasites végétaux des plantes cultivées en Argentine. Centralb. Bakt. Zweite Abt. **43**: 420–454. 1 My 1915.

Heald, F. D., & Studhalter, R. A. The effect of continued desiccation on the expulsion of ascospores of *Endothia parasitica.* Mycologia **7**: 126–130. 15 Je 1915.

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Murrill, W. A. Tropical polypores. i–iv + 1–113. New York. 15 Je 1915.

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Includes articles by H. D. House here indexed separately.

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Rehder, A. Synopsis of the Chinese species of *Pyrus.* Proc. Am. Acad. Arts & Sci. **50**: 225–241. Je 1915.

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